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CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, totaling 13 pages including recited attachments, is being facsimile transmitted to the United States Patent and Trademark Office at facsimile no.: 571-273-8300 (Central number) on the below date:

Date: April 19, 2006 Name: Terry Ward Signature: *Terry Ward*

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Jeffrey L. Viola  
 Appln. No.: 10/816,423  
 Filed: April 1, 2004  
 For: DIGITAL SIGNAL CONDITIONING  
 SOLUTION FOR A MAGNETOMETER  
 CIRCUIT  
 Attorney Docket No: 10541-1930

Mail Stop Amendment  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Examiner: Kenneth Whittington  
 Art Unit: 2862

## TRANSMITTAL

Sir:

## Attached is/are:

- Reply Under 37 CFR 1.111  
 Return Receipt Postcard

## Fee calculation:

- No additional fee is required.  
 Small Entity.  
 An extension fee in an amount of \$ \_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).  
 A petition or processing fee in an amount of \$ \_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_\_\_).  
 An additional filing fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Small Entity		Not a Small Entity	
					Rate	Add'l Fee	or	Rate
Total		Minus			x \$25=			x \$50=
Indep.		Minus			x 100=			x \$200=
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=
					Total	\$	Total	\$

## Fee payment:

- A check in the amount of \$ \_\_\_\_\_ is enclosed.  
 Please charge Deposit Account No. 06-1500 in the amount of \$ \_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.  
 Payment by credit card in the amount of \$ \_\_\_\_\_. (Form PTO-2038 is attached).  
 The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 06-1500.

Respectfully submitted,

*Robert K. Fergan*

Robert K. Fergan (Reg. No. 51,674)

April 19, 2006  
 Date

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s):	Jeffrey L. Viola	Examiner:	Kenneth Whittington
Application No.:	10/816,423	Art Unit:	2862
Filing Date:	April 1, 2004	Attorney Docket No:	10541-1930
Title:	DIGITAL SIGNAL CONDITIONING SOLUTION FOR A MAGNETOMETER CIRCUIT		

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY UNDER 37 C.F.R. 1.111**

In response to the Office Action mailed January 19, 2006, Applicant respectfully submits this paper comprising the following parts:

- |      |                            |         |
|------|----------------------------|---------|
| I.   | Amendments to the Claims   | Page 2  |
| II.  | Amendments to the Abstract | Page 9  |
| III. | Remarks                    | Page 10 |

Applicant notes that the Transmittal to which this paper is attached includes a Certificate of Facsimile under 37 C.F.R §1.8; and a fee statement calculating any fee(s) presently due in connection with the filing of this paper, along with an authorization to charge any fee deficiency to Deposit Account No. 06-1500.